plane
GRUMMAN news

Grumman space team intensifying efforts following Space Shuttle contract award

Now that months of intensive work on the Space Shuttle proposal have propelled Grumman into the aerospace competition for development of the Space Shuttle, Plant 25 is going to be the hub of three separate, contracted Shuttle study concepts for the next five months. Then, in December, it will narrow down to one of the three for the period December '70 to June '71. The 11-month Phase A (feasibility) contracts are being negotiated by the National Aeronautics and Space Administration and Grumman Aerospace, with the Boeing Company of Seattle as associate contractor. Estimated value of the Grumman fixed-price contract is $4 million.

Announcement of the feasibility study was made by NASA on June 15. The studies proposed by Grumman are alternatives to insure that the nation has the best economical space transportation system that it is possible to attain.

NASA had recently selected the McDonnell Douglas Corporation of St. Louis and the North American Rockwell Corporation Space Division of Downey for final negotiations of parallel 11-month Phase B (definition and preliminary design) contracts for studies of a fully reusable two-stage vehicle.

Three concepts

The Grumman/Boeing contracts, to be managed by NASA's Manned Spacecraft Center, Houston, involve the study of the following three Shuttle concepts, all aimed at providing the most economical transportation of men and materials into (and back from) earth orbit:

- A stage-and-a-half shuttle consisting of a single reusable spacecraft (orbiter) with an onboard propulsion system and droppable tanks to provide supplementary propellants.
- A reusable orbiter with expendable booster. This envisions a second stage orbiting shuttle launched on an existing expendable booster or on a new minimum-cost first-stage liquid- or solid-propellant booster.
- A reusable first stage using existing J-2S engine technology and solid propellant auxiliary boosters with a reusable second stage orbital shuttle also powered by J-2S engines. (The J-2S engine is an advanced version of the J-2 hydrogen-oxygen engines successfully used on the second and third stages of the Saturn V launch vehicle.)

The intent of a Space Shuttle is to operate as an airline, carrying men and supplies between earth and a long-term earth-orbiting space station or laboratory. The Space Shuttle booster and orbiter are comparable in size to a 747 and a DC-9, and the original concept (Study B) sees booster and orbiter as reusable and both manned.

The Grumman-Boeing studies will rigorously re-examine the feasibility of shuttle concepts "that might be competitive—technically and economically—with the two-stage fully reusable system," according to NASA's statement. Grumman has proposed reconsidering the reusability factor for the booster, or approaching the shuttle program by degrees as adequate booster engines become available.

The results of all these studies, together with those already under way, will insure that nothing is overlooked, and that the shuttle concept will indeed provide the most economical space transportation for such diverse purposes as launching satellites into orbit from space, or bringing them back, or modifying experiments in space.

The Shuttle is capable of carrying, for example, skilled individuals without astronaut training for a variety of scientific and special purposes.

Plant 25 is the Space Center for Grumman, and Boeing experts are already in residence. Vice President Larry Mead is Shuttle Program director and Dick Kline is Shuttle project engineer. Tom Kelly is returning from his year at M.I.T. to become deputy director.

Senior Vice President Joe Gavin, director of Space Programs, said the whole Grumman group which has been working on the Space Shuttle Proposal "deserves tremendous credit" for the progress made thus far.

"Grumman was a late starter on the Shuttle studies, because of our pre-occupation with the early lunar landings—and NASA recognized this," Gavin added.

'Unique' approach

When NASA's future space planning was talked about a year or so ago, he said, there were other elements in the plan that were of greater interest to Grumman at the time. "But then when the NASA budget would not permit its over-all plan to proceed as proposed, Grumman's interest in the Shuttle increased, since the Shuttle was the only thing likely to proceed in NASA's new program.

"And we came up with an approach probably unique," Gavin explained. "There were two propositions in our Shuttle proposal: the first was strictly responsive to the NASA request; the second was an alternate approach stressing economy.

"We're exceedingly pleased to get together with the Boeing Company to pool our talents," Gavin emphasized. Boeing will be Grumman's principal associate and responsible for the booster portion.

This decade is viewed by Gavin as different from the '60s in space terms. "There are more interesting things to do than money to do them," was his comment on the increased austerity of the national space program. He sees in the Shuttle the next major development in manned space flight.

"We have to be careful that we don't de-emphasize our current programs," he pointed out. "It's absolutely vital that we insure the complete success of the next OAO, the next Apollo missions."

The Apollo 13 accident, he said, was an obvious demonstration of the fact that we can "never afford to let up in our scrutiny of everything that goes on." The "lifeboat" proved that.

Have a happy...

Another long holiday weekend beckons. Since Independence Day, July 4, falls on Saturday this year, all plants will be closed on Friday, July 3, and all actively employed Grumman personnel will be paid eight hours for that day. Watch out for the sunburn and kooky drivers.

Spreading the word

Though President Lew Evans appears serious here, the message he brought to the space team in Plant 25 last week was cause to celebrate. It was the announcement that NASA had awarded Grumman a $4 million fixed-price contract for the study of three alternative Space Shuttle concepts.

Short shots

At its recent annual meeting in Las Vegas, the Aviation-Space Writers Association had special kudos for Grumman Public Affairs-Space and the LM Publications group of Product Support. The Aviation-Space Writers singled out Grumman for its "Apollo Space News Reference, prepared in cooperation with NASA's Manned Spacecraft Center, which was of unique value to every working newsman covering Apollo in 1969." . . . Ken Amrein's co-workers at Plant 56, Glen Arm, Md., made his 50th birthday one to remember. Ken, who is commander of the VFW Jarrettsville Post, was presented with a birthday cake adorned with 50 American flags. Ken's birthday is June 14—which, of course, is Flag Day.

Another salute, this one by the L.I. Chapter of the National Contract Management Association, was directed to Bob Richter of Contracts. Bob was cited for his dedicated and outstanding service to the local chapter. And to keep it in the family, the plaque was presented by another Grummanite—Burt Stern, Vice President-Finance, Grumman Data Systems, and president of the L.I. Chapter of the National Contract Management Association. . . . Ever been to the U.S. Navy submarine base at New London, Conn.? No? Here's your chance. The Aquatic Association is running a tour of the submarine base on July 12. A bus will leave Plant 28 at 9:30 a.m. for New London, and you can be on it for $5.50. For more information, call Joe Grella, Ext. 86330, or Pauline Pearson and John Reeves, Ext. 87391.

Members of the Grumman Athletic Association were nursing a baby bird with mashed Rice Krispies and water last week in hopes it would survive and reach fledgling stage. So far, so good—now they're looking ahead to a first-flight party. . . .

Jessup named

Dr. Bob Jessup, Medical director at Grumman, who is a long-time Board member of the Nassau TB and Respiratory Disease Association, has been elected to the post of representative director from New York State to the National Board of the TB-RD Association. . . . Bill Zarkowsky beaming since daughter Cathy was presented with outstanding citizenship award by the Huntington Lions Club. Cathy, who graduated from the Finley Elementary School, was extolled by her principal, Mrs. Olga Smith, for her fine character and other outstanding qualities.

Bill Fehrs is off to Cornell University for six weeks to study under the Executive Management Program, June 21-July 31. Fehrs is deputy director of Gulfstream Program Management.

Lou Kubat of RF Engineering Special Projects, Plant 35, was named this year's "outstanding evening student" at Hofstra University. He finished up six years of night school, emerging with a B.S. in electronics engineering, **magna cum laude**. Along with that goes a $500 scholarship for graduate study, which he hopes to pursue at Polytechnic Institute of Brooklyn.

Fashion show. 'What the well-dressed astronaut will wear' might be the theme of this demonstration. The new group of Grumman Engineering Scholarship winners, including three dependents of Grumman employees, were guests of Grumman on June 11, and Consulting Pilot Tom Gwynne modeled a spacesuit for them. Later, Dr. Richard Oman told them about the Space Shuttle. (Photo by Nat Scherer)

Scholar winners get glimpse of space future

The new Grumman Engineering Scholars, guests of Grumman at a luncheon June 11, enjoyed a glimpse into the world of aerospace that may never be brought home to them in their textbooks. Dr. Richard Oman of Research, himself a former Grumman Scholar, drew on the Space Shuttle studies to show that when very sophisticated design problems suddenly loom, it's to the research and advanced development people the designer looks for some answers. Oman cited such areas in the Space Shuttle studies as propulsion, thermodynamics, fuels, materials, thermal protection. These are making stringent demands on technology, he pointed out.

Sometimes it will have taken five or 10 years of research and development to evolve some of the answers, Oman said. "Then it's a matter of communication, of integration of design and technology, to bring into being low-cost, reusable, safe space transportation."

Dick Oman's job, as coordinator of Research Department activities on the Shuttle, is to make sure the engineers working on the design phase are in touch with whoever can best assist with answers to their problems. "It doesn't do any harm to poke into other people's business a little bit to see what's going on," he advised his listeners. "The strength of the Grumman Company rests in part on the sharing of information. People do what needs to be done, and 'though each has a different set of problems, we're all working toward the same goal."

The new Grumman Scholars had paid a pre-luncheon visit to Plant 5, where each was greeted by Grumman President Lew Evans and by Bill Schwendler, Chairman of the Executive Committee of Grumman Corporation and Vice Chairman of the Board of Grumman Aerospace Corporation. Each student got a leather-bound scholarship certificate. Their next goal was the LM Suit Room in Plant 5, where Bill Eveland, Apollo suit technician, answered their "very astute and searching" questions and Tom Gwynne, consulting pilot, demonstrated a space suit for them.

The scholar group included three Grumman dependents (highest in College Entrance Examination Board test results) and seven seniors from Nassau and Suffolk high schools whose scholastic record, interest, and accomplishments had earned them their full-tuition engineering scholarships. Three seniors who had been named as alternates were also guests.

Invitations to the luncheon at Holiday Manor had been extended to these 13, and to the fathers of the three Grumman dependents. Principals and guidance counselors of the schools represented were also guests of the Company.

Former scholars

Ned Brookfield of Public Affairs acted as MC, and Bill Wenzel, who is in charge of administering the Engineering Scholarship Program, introduced the head table: Pete Viemeister, President of Grumman Data Systems and a former Grumman Scholar; Senior Vice President Bill Zarkowsky; Senior Vice President Joe Gavin; Bill Schwendler; Lew Evans; Clint Towl, Chairman of the Board; Dick Oman. Wenzel then introduced some of the former Grumman Scholars who hold positions of great responsibility in the Company: Pete Hellsten, Sam Fletcher, Bob McConaughy, and Bob Roemer.

These are the 1970 Scholars and, in brackets, their Grumman advisers:

Grumman dependents Sara Jean Roth, daughter of Morris Roth, Grumman Operations manager at MSC (Tony de Ruggiero); Jonathan R. Tillem, son of Joseph Tillem of RF Engineering, Plant 14 (James McCue); Michael P. Tangredi, son of Joseph Tangredi, LM Contracts Change, Plant 15 (George DiTullio).

Nassau-Suffolk open winners: John L. Erickson Jr. (Stan Kalemaris); Robert P. Fortunato (Henry Loshigian); George A. Herman (Pete Hellsten); Joseph E. Martino (Hans Forsch); Robert Scaringe (Andy Schneit); Robert J. Steingart (Nick Avery); Michael J. Wollman (Fred Wohllebe).

Alternates: Steve A. Schoenberg (Richard Goldzung); Robert F. Hoenig (Charles Merlino); William S. Mirer (Ralph Wittman).

Another of the plus values of the Grumman Engineering Scholarship Program is that the Scholars are assured of summer employment at Grumman during their four-year tenure.

CALENDAR of events

The Calendar of Events will be discontinued until September.

Aquatic Assoc.: Tues., 7:30-9, Larkfield Suburban Club Pool, swim session, members only. John Reeves, Ext. 2002.

Chess Club: Tuesdays 5 p.m., Plant 3 Cafe. Tournament, games. C. Wilkie, Ext. 9941.

Coin Club: Wednesdays, 12:05-12:50, Plant 25 Vendor Conf. Rms. Irv Atkins, Ext. 1874.

Duplicate Bridge Club: Thursdays, 5:45 p.m., Plant 3 cafe. Reserv. not req. Partnerships arranged. Pete Harrington, Ext. 1812.

Ex-Service Men's Club: First Monday of month, 6:30 p.m., Plant 28 Audit., exec. & gen. meeting. Northeastern Cadet Corps every Fri., 7:30 p.m., Co. A Cherry Lane School. Carle Place, boys from 10 yrs. Pete Volpe, Ext. 84754.

Family Campers: Thurs., Fri., Sat., Sun., July 2, 3, 4, & 5, Sokolow's Mt. Vernon camp site, Summitville, N. Y. Outing. Phil Giacini, Ext. 57-247.

Fencing Club: Wednesdays & Fridays, 5 p.m., Plant 30 Cafe. Joe Campisi, Ext. 1134.

Horseback Rid. Club: Every Tues., 5:30 p.m., By-Ways Stables, Round Swamp Rd., Huntington. Caren Carlson, Ext. 2725.

Stamp Club: (Bethpage) First 3 Wednesdays of month, 5 p.m., Plant 30 Cafe, swap., circuit bk. sales, auctions. Harold Haug, Ext. 3473.

KSC, Savannah men collect top suggestion jackpot awards

Cape Kennedy and Savannah took top billing in Employee Suggestion honors in the latest go-around, with an award of $1,250 going to Ken Kettenacker at KSC and $1,150 to Steve Holloway at Plant 55. Edwin Brooks of Plant 2, with $650, was the highest winner from Bethpage.

Kettenacker started with Grumman in the Model Shop in 1957, and in fact made "the first LM model, with five legs" when the LM Program was in its infancy. He's still closely allied with LM, but in quite a different capacity. His suggestion had to do with LM ground support equipment oxidizer control valves, with which he is very familiar. By reversing a fail-open valve inside, to seal off the flow, he showed that a fail-close valve could be had for "half an hour's labor and a few dollars." The problem had been that the control valves were a potential hazard; in the event of electrical and pneumatic failure, the oxidizer would continue to flow. Kettenacker worked out the solution at very substantial savings.

Ken is in the Modification Shop in KSC Manufacturing and he lives in Titusville, but the family lost their hearts to New Mexico when Ken was assigned to the White Sands Test Facility for five years. There he was leadman in the Mechanical Test Laboratory, and he still thinks nostalgically of the mountains and the fascinating desert.

What will he do with his $1,250 in bonds? With four children at home, two of them in high school, there's no problem. "I'll put it away for their education."

Steve Holloway's accent betrays his southern background. He's been with Grumman three years, in Plant 55, and the large award is the first he's won. He's contemplating buying himself a new car.

When he first had his idea, which was to revise a production change order to incorporate some key punch input, Holloway was in Production Planning. Since then he has been assistant to the director of Planning, and is now in Crew Loading, working directly for Jiggs Dreyfus. The new form he devised has cut out a great amount of cross-referencing and, in fact, has eliminated one complete file. It saves 70 hours a week in clerical work.

Back at Bethpage

Top winner at Bethpage was Edwin Brooks of Quality Control Inspection, Plant 2, whose idea for a LM tank inspection routine earned him an award of $650.

Henry Ferro, Fiberglass, Plant 27, collected $575, Al Barnych of Critical Material Control, Plant 1, received $375, and Allan Westbrook, Facilities Industrial Control, Plant 30, earned $325.

Three two-man teams shared awards: John Borner of Tool Fabrication Sub-Assembly, Plant 2, and Joe Brandevsky, Machine Operations - Technical Service, Plant 3, $250; Delbert Foster, Quality Control Inspection, and Joseph LeBlanc, QC Test Operations, both Plant 83, KSC, $200; Dominick Viscegli and Paul Wagner, both Instrument Fabrication Repair, Plant 5, $200.

Other awards were:

$175: John Rucky, Tool Fabrication - Templates, Plant 2.

$150: Pat Arena, Tool Fabrication - Sub-Assembly, Plant 2; Alan Bredberg, Manufacturing Shops, Plant 83, KSC; Leon Dubey, P/S Technical Services, Plant 34; Philip Fischer Jr., Engineering Equipment, Plant 3; Thomas Hennessy, Test Operations, Plant 83, KSC; Frank Kammer, Flight Operations, Plant 7; Paul LaPenta, Instrument Test, Plant 5.

$125: Verlyn Curry, Schedules & Status, Plant 2 (formerly Press).

$100: Manuel DaCosta Jr. and Victor A. Lutz, Instrument Fabrication/Repair, Plant 5; Steve Finkle, Metallurgy & Welding Engineering, Plant 1; Clifford Hartnack, Production Control, Plant 29; James C. Mullican, Quality Control, Plant 83, KSC; Jack Rininger, Electronic Countermeasures, Plant 5; Alfred Roesner and Dave Brandt, Test Operations, Plant 83, KSC.

$75: Floyd Cole, Engine, Plant 55, Savannah; Harry H. Weir, Material Project Management, Plant 34D ("Job Well Done").

$50: James Begley, Sub-Assembly, Plant 55, Savannah; Robert Click, Final Assembly, Plant 2; Damien Sagliocca, Engineering - Civil/Architectural, Plant 30.

And where are "les girls"? Collect your thoughts and collect some big beautiful bonds, girls.

Every little bit helps . . .

There'll be a little more money in the paycheck, friends, beginning July 1. Not much, but a little. This happy situation comes about because the Federal income tax surcharge will be reduced from 10% to 5%, effective July 1.

Furthermore, the personal exemption figure of $600 is increased to $650, or $325 for the six months beginning July 1. That will make another small deduction for those claiming one or more personal exemptions. (In 1971 the annual exemption will be $650, in 1972, $700, and in 1973, $750.)

To give you an idea of the effect on the check, a man with a wife and two children and a salary of $155 per week will find his Federal withholding tax reduced by $1.30. Beginning January 1, 1971, there will be another slight reduction in Federal taxes (an increase in the paycheck) because of the changes in the tax laws passed last December.

Plan Bermuda trip Thanksgiving week

By using two vacation days next November and taking advantage of the long Thanksgiving weekend, you can take a trip to Elbow Beach Surf Club in Paget, Bermuda. The Grumman Athletic Association is arranging a Pan American flight, and the cost for a five-day holiday is $227 per person, double occupancy in a room.

The dates are Tuesday, November 24, to Sunday, November 29. This is not a charter flight and guests of Grumman personnel may go if space is available. Retirees are eligible.

There may be a second trip to another destination at the same time, says GAA.

Tuesday, July 14, is the date for signing up for Bermuda. The full payment will be required at that time, and attendance in person at sign-up is required. The time: 5:30 p.m., in Plant 28. Checks should be made payable to Bethpage Aircraft Tour Club.

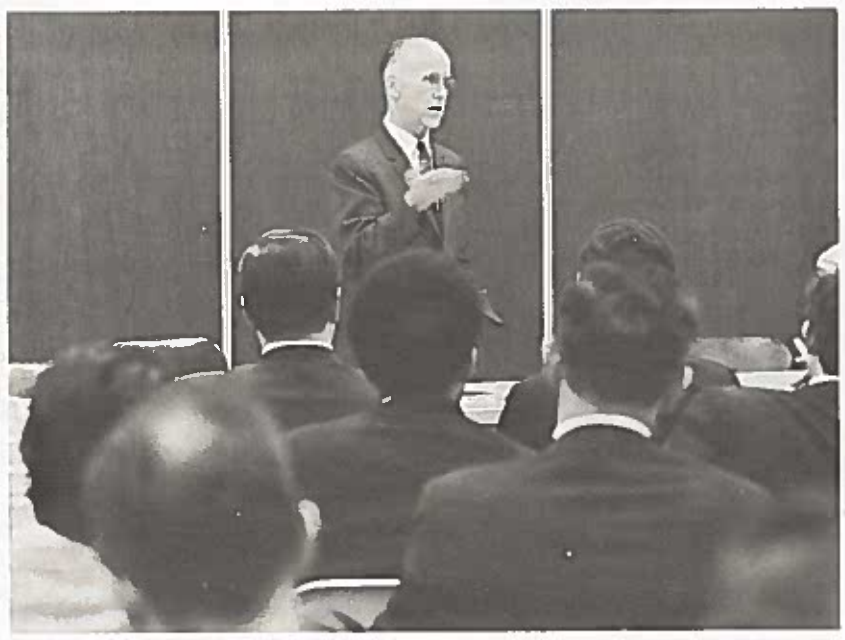
The package trip, at $227, includes round-trip jet flight, twin-bedded room, double occupancy, breakfast and dinner each day, transfers between airport and hotel, and gratuities.

For Bermuda, passports and vaccination certificates are not required, but proof of citizenship must be presented when returning to the United States.

Further details are available from GAA, Plant 28B, Ext. 2133 or 2269.

Money-makers. Former model-maker Ken Kettenacker of Plant 83, KSC (above), was awarded $1,250 in bonds for a suggestion that saves buying new oxidizer control valves. Steve Holloway, shown at right with Anne McGaughey, earned $1,150 at Plant 55, Savannah, with time-saving idea for coordination of filing information. (KSC photo by Bob Weiss, Savannah photo by Cary Van Sickle)

Tips from the top



"How to get along with the customer" might well have been the subtitle of a talk George Titterton gave one recent afternoon to the members of Grumman's Professional Development Program. As a principal speaker in the Professional Development seminar series, Titterton, who is retired Senior Vice President and a Grumman Director, urged his audience to "tell the customer the truth and work your problems out together. Always make sure," he added, "that the customer understands your point of view."

Titterton talked about the early days of the Company in his two-hour chat, describing the basic simplicity of the early aircraft and urging the Professional Development men to "keep your design simple in its elements. For replacement parts, make sure you have the same mountings so those white-hats thousands of miles away won't have to figure them out all over again."

He credited much of the success of the Company over its 40 years in business to the continuity provided by the long service of the early founders. "We tried not to make the same mistake twice," he commented.

Wanting his listeners to get an idea of the kind of man former President L. A. (Jake) Swirbul was, he recalled that Jake was "a former inspector with the Army, a semi-pro athlete who loved people." He walked the entire length of the shop twice a day during those years when there were about 700 working in Bethpage. "You'd think he was running for office."

Bringing everything up to date, Titterton urged the importance of thorough planning to maintain a schedule. "Build 'hold periods' into the schedule, as they do for a launch at the Cape," he advised. "I'm tickled with what has been done on the F-14, and we're ahead of schedule, but all might go up in smoke if the next part of the schedule weren't done on time, too."

His final, personal word to the Professional Development men, who have been treated to much sound advice in many management areas during the lecture seminars that started last September: "Don't ever say, 'I can't,' or 'it can't be done.' Be positive. Keep up to date. Listen to experience, but try new things, too. And don't worry about your future. That will take care of itself." (Photo by Larry Van Wallendael)

Flight team. At Plant 77, Stuart, Fla., where OV-1s are being modified and updated with advanced aerial surveillance equipment, each of the Mohawks is flight tested before being delivered to the U.S. Army. Here, test pilot Chris Wold (R) prepares to take off on a test flight with Harry Harris, plane captain. (Photo by Jim Heffelfinger)

Discount tickets for 'Sound of Music'

Grumman Employee Services offices have reduced-rate tickets available for the "Sound of Music," the outdoor production being presented by Guy Lombardo this summer at Jones Beach. "Sound of Music" opens July 1 and extends through September 6. These special tickets are not available for Friday or Saturday nights. The usual $5.90 tickets are available at $4.50 each, and the $5 tickets for the show may be secured at $3.75.

'Rent-a-canoe' directory for vacationers

The new 1970 edition of Grumman's "rent-a-canoe" directory, available at no charge from Grumman dealers or direct from Grumman Boats, Marathon, N. Y., lists some 240 canoe rental locations, almost double the number in the first edition published two years ago.

The directory is intended to help the many people who wish to take an outdoors holiday away from home, but don't know where to start. Once they decide on the general area they prefer, a phone call or two made with the assistance of the directory enables them to arrange advance reservations that are often necessary to avoid disappointment.

The greatly increased number of locations, over the span of only two years, offers a widening variety of locales to adventuresome canoers. . . . and is one of many indications of the rapidly growing interest in canoeing.

'Hams' on air

Grumman Amateur Radio Club operators will again participate in the American Radio Relay League's annual field day exercises to test the efficiency of "ham" stations functioning under emergency conditions throughout the U.S. and Canada. The 24-hour test begins Saturday, June 27 at 3 p.m. If you want to participate call Skip Courtney, Ext. 2536, or Ray Schubnel, Ext. 7331.

OBITUARIES

Plane News has received word that death has come to the Grumman personnel listed below. We extend sincere sympathy to relatives and friends.

AGNES ZALEWSKI of Food Service, Plant 33, died June 7 at the age of 47. She had been with Grumman five years and lived at 15 Farmers Ave., Bethpage.

JOHN KROKOWSKI died June 8 at the age of 62. He worked in Production Control - Record & Release, Plant 38, and he had been with the Company 23 years. His home was at 238 Mallard Rd., Carle Place.

WILLIAM A. BAERENKLAU, age 44, died June 11. He had been with the Company since 1962, and he worked in Manufacturing Technology - Mechanical Process. His home was at 29 Franklin Ave., Brentwood.

JOHN VIOLA of Inventory Control, Plant 6, died June 16. He was 57 years old and had been with the Company since 1964. He lived at 259 Johnson Avenue, Sayville.

EMIL ELDRED of Intra-Plant Transportation, Plane 2, died June 18 at the age of 51. He had been with the Company 18 years. His home was at 41 - 19th Ave., Bay Shore Heights.

GORDON W. DUSENBERRY died June 18, after 27 years of service with Grumman. He was 52 years of age. He worked in Quality Control Systems & Procedures, Plant 35, and he lived at 66 Wilton Rd., Huntington.

EDWARD W. HARTMANN of Electronics Inspection, Plant 6, died June 18 at the age of 51. He lived at 44 Robinson St., Shoreham, and had been with Grumman 25 years.

CHESTER LESNIKOWSKI, operational manager of Plant 33, died June 20 at the age of 52. He had been with Grumman 32 years. He lived on Idle Day Drive in Centerport.

JAMES P. LORIS, who had been with the Company since 1944, died June 20, aged 63. He worked in Small Parts Fabrication, Plant 2, and lived at 403 E. Main St., Bay Shore.

Ten-month tour here gives three a close-up of Company functions

"We've really enjoyed our time here, and we've learned a lot." Three Air Force captains who spent 10 months with Grumman were concluding their Education With Industry Program, and Capt. David N. Repak spoke for the three. They had been looking into the operations of an aerospace company in preparation for Air Force procurement careers, and June 19 was the day for receiving their E.W.I. certificates.

Senior Vice President Bill Zarkowsky presented leather-bound documents of program completion to Capt. Joseph M. Mack Jr., Captain Repak, and Capt. David G. Busse. They had been with Grumman since early September and were about to move on to their permanent assignments.

This is the fifth Education With Industry Program in which the Company has participated, and the first in which three, rather than two, officers have been assigned to Grumman by the Air Force Institute of Technology. Ken Rodgers of the Grumman Training and Development Department coordinated the program.

After an orientation period that included visits and discussions with management personnel, each officer spent 20 weeks in studying particular aspects of the Company in one- or two-week "takes," and in Phase 3 of their program they specialized in subjects that would most directly help their careers.

Captain Mack had been a materiel officer, and he joined EA-6B Subcontract Management to work with Lou Arseneau for his assignment. He now moves on to Hanscom Field, Mass., in Procurement and Production.

Captain Repak, who has been a contracting officer at Subsistence Regional Headquarters in New York, spent his Phase 3 period in the business office of Product Support with Tony Menna. His new Air Force assignment is in the Sacramento Air Materiel area, McClellan AFB, as procurement officer.

Captain Busse is going to be in the Contracts division of Lockheed-Marietta, monitoring Lockheed Air Force contracts. He had been specializing in personnel and quality control, and his third-term assignment just completed with Grumman fell into two five-week assignments: with Dick Klier in Subcontract Management Cost Analysis, and with Harold Hiller in Naval Procurement, Contracts Division.

"Our work in assisting the military services to develop leadership in the field of procurement planning and management," President Lew Evans said of the E.W.I. Program, "is vital to the services involved, to the aerospace industry, and to the nation."

We get letters...

19 June 1970

To the editor:

On June 16, 1970, the three-week trip to Europe sponsored by the Grumman Athletic Association ended at JFK International Airport.

The 171 travelers, which included employees and members of their families, experienced a flight aboard a TWA Boeing 707 to London or Rome and return from Heathrow or Ciampiano that was unique, not only because of the excellent care and planning by the GAA, but also because of the luxurious service and scheduling of TWA.

From London and Rome, we traveled on our own via planes, trains, boats, hydrofoils, buses, trolleys, and cabs. Some of us went to two countries. Others to three or more. The writer to six.

Thanks once again to Grumman and the GAA for the enjoyable tours that followed.

Jack Strong
Plant 4, Dept. 256

'Enjoyed it.' Air Force captains meet in Senior Vice President Bill Zarkowsky's office to receive certificates of completion of Education With Industry Program. They trained as procurement officers, now leave for Air Force assignments. Snapped June 19 (L to R): Bill Zarkowsky, Capt. David Repak, Capt. Joseph Mack, Capt. David Busse, and Navy Capt. Andrew Yates, Naval Plant Representative, Bethpage. (Photo by Larry Van Wallendael)

National champions. Company President Lew Evans (2nd L) presents first-place team award to Vice President Tom Rozzi, director of Personnel Services and Security, who was a member of the winning foursome in the postal pistol tournament condcted by the National Industrial Recreation Association. The winning team from Plant Protection also included Capt. Mike Suspenski (L), Ptl. Al Berka (2nd R) and Lt. Joe Oliveri. Standing at right of Rozzi is Chet Baumgartner, asst. director of GAA. The Grumman team shot 762 out of a possible 800, in the .22 cal. slow-fire competition at 50 feet. Lt. Oliveri and Berka both shot 195s and placed well up among the individual leaders. (Photo by Harry Prodromides)

Special award. For best Floribunda, Chuck Belensky won six rose bushes donated by Jackson & Perkins. Pete Haring won Best-in-Show award in absentia. Annual Rose Show drew 262 entries. (Photo by Al Creech)

Room at the top—'rookies' battle old pros for honors in Rose Show

The Grumman Rose Show this year was notable for a number of things, not least of these being the large number of novices who won recognition. Out of 262 entries, 23 novice exhibitors received ribbons. In addition, four Plant 2 Cafeteria personnel were honored for an imaginative "banquet centerpiece" of flowers surrounding a gourmet display the guests found eminently edible.

Pete Haring of Systems Technology Management, Plant 5, carried three firsts and, for his pure white hybrid tea "Pascali" rose, the Queen of Show trophy. Chuck Belensky of Ground Test Instrumentation, Plant 5, took first place for his floribunda spray and thereby earned the special Jackson and Perkins award of six "Gene Boerner" rose bushes—a new feature of the show.

"Lovely" and "outstanding" were the comments of the judges, all accredited American Rose Society judges, who voiced approval also for the opportunities afforded novice exhibitors to compete among themselves. Some beat out the "pro's" by winning prizes in open competition. Henry Zvonik of Plant 2 Facilities Maintenance took second in Single Yellow/White; Mike Gabriel of Systems Simulation, Plant 25, took second in the Climbing Spray category; George Rath of Methods Engineering, Plant 1, took third in Arrangements—as well as blue ribbons in the novice section of their respective classes.

Representing President Lew Evans at the little ceremony June 11 in Plant 2 Cafeteria was Vice President George Skurla, formerly director of Grumman operations at Kennedy Space Center and now director of Product Engineering.

Pete Haring had graduation ceremonies of his children to attend and could not be present.

The winners:

SINGLE SPECIMEN ROSE - Class 1 (reds): Pete Haring, 1 & 2; Gus Preiser, 3; Mike Gabriel, HM & novice.

Class 2 (pinks): John Steffens, 1; Pete Haring, 2 & 3; Len Helbing, HM & novice.

Class 3 (yellows, whites): Pete Haring, 1; Harry Zvonik, 2 & novice; Gus Preiser, 3; Chuck Belensky, HM.

Class 4 (other colors): Pete Haring, 1, 2 & 3; Len Helbing, HM & novice.

Class 5 (Floribunda): Chuck Belensky, 1; Gus Preiser, 2; Pete Haring, 3; Dot Kappenberg, HM & novice.

Class 6 (Climber): Kay Zuk, 1; Mike Gabriel, 2; Joe Gregg, 3 & novice; John Steffens, HM.

ASSORTMENT - Class 7: Pete Haring, 1 & 3; Buddy Fisher, 2; Henry Frederickson, HM & novice.

ARRANGEMENT - Class 8: Will Pettit, 1; Dot Kappenberg, 2; George Rath, 3 & novice; Ida Tallmann, HM.

SINGLE SEASONAL - Class 9: Mal Ketcham, 1 & novice; Karl Hagen, 2; Al Williams, 3; Len Hebling, HM.

John Steffens is Garden Forum director, and the Rose Show managers were Chuck Belensky, Pete Haring, and Gus Preiser. The judges were Mrs. Clement Winter of Freeport, Mrs. Jane Meyer of Hempstead, Dr. Maynard W. Lemrow of Westbury, and Joe Burbeck of West Islip.

The next Grumman flower show will be the Dahlia and Fruit and Vegetable Show September 10. The Chrysanthemum Show is scheduled for October 22.

plane GRUMMAN news

Published twice a month for the employees of Grumman Aerospace Corporation, Bethpage, N. Y. 11714, as a function of the Public Affairs Dept., Vice President J. B. Rettaliata, director.

Editor
Brian Masterson

Associate Editors
Claire Imrie
Al Wehren

Ads, Distribution
Dorothy Zeeb

Official Photographers
Presentations Services

Telephone
Plane News: 3293
Plane News from outside line:
LR 5-3293

Dynamos finally see the light as Marchese pulls the switch

The end of a long famine came last week for the Digital Dynamos as Tony Marchese served up their first victory in two seasons of twilight league slow-pitch softball.

Marchese whipped cream on the dessert with a home run in the eighth inning as the Dynamos won an extra-inning Tuesday American duel from the Flukes, 14-13. Marchese's clout cut off a long slump through last season and two games this campaign. Dick DiRocco and Bill Alemghides hit hard in Digital's triumph.

Earlier, the Dynamos had dropped a 15-12 loss to the Tigers, despite a sizzling rally after trailing by 12-0. Deac Jones quieted them in relief for the Tigers, who had Bill Foote and John Signorelli powering the attack.

Pacing the American division, the Titans rapped the Bay Guys, 21-13, on Tuesday, as Lou Cotignola collected five hits and teamed with John Kennedy and Tom Terlizzi to provide 11 RBI's.

Gabriel in tune

In the Tuesday National, Mike Gabriel of Simulation came through with the feature. Gabriel limited the Aquarians to seven scattered hits in an 11-1 victory, missing a shut out in the fifth. Ed Gabriel, Tom Ogilvie and Tom Stiles paced Simulation, as Bob Germano was also a hitting star.

The Zots are looking for help after a dozen losses in a row. With "Iron Mike" Okon on the mound, this time they dropped before the Supporters, 17-9, as the winners rattled 21 hits. Nunz Sterrantino paced the Supporters with four hits, including a homer. Earlier, the Supporters lost to the Mets, who were aided by a nine-run second, the relief of Joe Brennan, and the hitting of Don Bello and Ron Richroath.

The Campbell Kids split a pair, beating the Mohawks, 11-8, as Don Boden, Bob Kliphon and Sam Cozzetto swung heavy bats. But then they were beaten by Simulation, 9-6. The winners Tom Stiles and Charlie McLaughlin each got three hits, including a homer.

Palumbo hill ace

Sal Palumbo chucked a sharp five-hitter in the Monday American loop to lead the R/Cees to a 7-2 victory over the Domes. Ed Montanez decided this game with a three-run homer for the R/Cees in the sixth when they broke away from a 2-2 tie. Mario Grzan had a perfect night at the plate. Later, the R/Cees lost to Research, 6-5, as Ed Nowatzski tied the score in the seventh with a two-run homer and Joe Lisa decided it with a single.

Earlier, Research beat the Wolfpack, 5-3, with a 15-hit attack. Ray Larsen contributed a homer and double, and covered acres in the field. Research now leads the Monday Americans; the latest was a 12-10 win over the Shadows for three in a row. Larsen helped strongly in this victory, too, with a bases-loaded triple, while Connie Augustin hit and fielded brilliantly.

The Wolfpack, meanwhile, stayed in contention with two victories. Jim Grosso's three-run homer paced a 10-8 decision over the Good Guys, while Ed Palini's homer and Jody Haynes' four hits featured an 11-5 win over the Muffers.

Dimitry is sharp

Jim Dimitry started the Jokers off fast in defense of their Wednesday American title by firing a three-hitter at the CBA Stars as his 13-2 win was helped by superb play at short by Bob Suli. Jim Casey was the big hitter with four-for-four.

The Maurauders bombed the Sloe Pokes, 18-5, with a 22 hit attack, five of them collected by winning pitcher Mel Knopf. Paul Hayes got three of the Pokes' dozen hits.

John McErlean pitched two victories for the Hi-Balls, the second a five-hitter in an 8-3 decision over the Digits as Bob Klewicki led the winners with three-for-three. In an earlier game the Hi-Balls racked the Heroes, 24-10, with a 27-hit splurge. Dan Melone and Don Kump both collected five hits in as many trips.

The Jokers also came on strong in a 22-2 romp over the Heroes, with Don Lundergan pitching an eight-hitter and Jim Casey and Don Boden also shining. Steven Mancini and Joe Calandra both homered.

The Plumbers piped up with two Wednesday National victories, taking a 4-3 squeaker over the Side Lobes behind Ed Famely, and then getting 16 hits to sink the Tactical Jammers, 8-3. Paul Rosone's pinch-hit double with two on was a key blow.

Priscoe game-winner

Frank Priscoe's hit with the bases loaded in the bottom of the seventh lifted the Side Lobes to an 8-7 win over the Reds, who had Marty Martinez and Tom O'Connor hitting homers.

Fred Kolb of the J-Mets gained the 3-1 nod over Al Schachter of the Black Diamonds, although both yielded only seven hits. The J-Mets got three in the sixth to win, with Kolb's victory being saved in the seventh by a diving catch by Frank Varipapa.

The Hits rammed 25 blows to wallop the Tactical Jammers, 17-8, as Bob Ogilvie, Gordon Woodruff, Sal Failla, and George Cumberland supplied most of the power. Cumberland had a homer, along with Carmine Stellato and Bill Foote of the Jammers.

In the Thursday circuit, the Rangers pasted the Whiffles, 12-5, with Al Beck and Pete Viteritti using big bats, and Joe Vosefski rapping a homer. The J-Mets nipped Research as George Douchat stopped a three-run rally in the 8-7 win with a running catch in the last frame that was turned into a DP. Frank Varipapa had three hits for the Mets.

In a late Wednesday report, a pinch-hit home run by Paul Rosone and skilled outfield play by Jerry Watskin paced the Plumbers to a 10-7 American loop win over the Reds. Tom Ramburg and Bill Jorgensen also clouted homers in the twilight loop game.

Grumman at Shea July 24

The GAA is sponsoring two "Grumman Nights" at Shea Stadium again this year, with the world champion New York Mets as the drawing card.

First junket on the list has been scheduled for Friday, July 24, when the Mets meet the Los Angeles Dodgers under the lights. The second trip will be on Friday night, August 21, when Gil Hodges' darlings face the Cincinnati Reds.

Tickets for both games are priced at $2.75 apiece, and seats will be in sections 3-5-7 on the mezzanine.

Bus transportation is also available at a cost of $1.25. The buses will leave from Plant 28 at 5:30 p.m.

These Met tickets are available at the GAA office in Plant 28B. The GAA extensions are 2269 or 2133.

Varsity golfers. Coach Mike Cherry (L, standing) has assembled another strong Company links team in quest of Grumman's sixth straight L.I. Industrial League title. On the squad are (back row, L to R) Jim Alverson, Walter Gill, Ken Cunningham, and Tony Cisco. (Front) Steve Gray, Bob Holsten, and Bob Heider. Gene Piwowar is also on the team, which has won its first two matches. Last week Alverson and Cisco also teamed to win the Industrial team tourney. (Photo by Al Creech)

Gophers perfect as gun league kings

The Grumman Gophers completed another perfect season in the L.I. Industrial Rifle League, finishing with a 12-0 record and retaining the championship as they defeated Sperry, 765-745.

Hank Womble paced the final victory with 194, while Bob Lang and Dick Imgram shot 192's and Cliff Wright 187.

Earlier, the Grumman team picked up the First Masters Trophy in the South Shore league while finishing second to the Roslyn Club, which took the Experts award. Rolyn beat the Gophers 985-962 as Grumman finished with an 11-4 record. In the final test both George Hilton and Womble targeted 194, Joe Anckner shot 192 and Imgram and Lang shot 191's.

Spring golf field paced by Leipold's 78

Charles Leipold of Plant 25, shooting a 78 and beating Caesar Roscigno on a match of cards, walked off with the low gross award in the Grumman Spring Tournament sponsored by the GAA on the Bethpage Yellow course.

Roscigno won the low net with 78-6-72. Second low gross winner was Forest White with a 79, while second low net went to Leon Kaprinski with 82-10-72.

Low gross winner in the seniors' division was Tony Cherry of Plant 2 with an 80, while low net was shared by Bob Scott and Dave Powell, both with 86-14-72. Eileen Toomey won the women's low net award with 108-32-76.

Ed Lomot won the long drive award with a poke of 260 yards, and Dave Oestel won "nearest-to-the-cup" event on the 160-yard 11th hole, dropping his shot 15 ft. 11½ in. from the pin.

Stalzer's bat booms Intruders to East Coast tourney victory

Grumman's marauding Intruders have stuck another big feather in their hats, and by the way they've been clicking in this early season they may all look like Indian chiefs before the show is over.

Several weeks ago they staged a gallant comeback in the Industrial slow pitch softball tourney at Jones Beach to finish second. Well, this time it is more of a success story in the East Coast Industrial Invitation tourney at Warwick, R. I. They went all the way to win the title for the fourth straight season, and also placed five on the all-star team.

Manager John Giordano's gang slashed through three straight victories at Warwick before being upset by the City Employees' team of Providence, a club that the Intruders had beaten in the third round. That forced a showdown game in the double elimination tourney, with Grumman winning the title by 9-2 as Joe Stalzer riddled the Providence club with six RBI's.

Picked for the all stars were infielders John Andrews and Fred Neuscheler, outfielder Mike Sabia, catcher Dan Cooper, and pitcher Bob Hieter.

It was Stalzer, however, who delivered the goods in the deciding game. He doubled home a run in the first, doubled home two in the third, and then bombed a home run in the sixth with two mates on base.

Team victory

"It was a great team victory," remarked Giordano. "I'm very proud of my bench this year." He particularly praised Ken Smith's play in the outfield at Warwick.

Grumman started the tourney with a 3-2 decision over Texas Instruments of Rhode Island, with Bill Diercks singling home the winning tally in the bottom of the sixth after Neuscheler and Cooper had singled. They then racked Kenney Manufacturing, 7-4, with Cooper's two-run triple one of the big blows, and followed with a 6-5 chiller over the Providence Employees, with Billy Diercks pinch-hitting in the tie breaker. This sent the Intruders into the finals where they were momentarily stalled by the Employees, 10-3, before they went on to the title.

Cooper batted .500 in the tourney with eight hits in 16 AB's, while Jim Karika had a key hit in every game.

Links date

The second Mixed Pinehurst golf tourney of the season has been scheduled for Wednesday, July 22, at Bethpage State Park. Tee time again will be between 4:30 and 5:30 p.m., and entries are being accepted by Mike Cherry at the GAA office in Plant 28B on a first-come, first-served basis. Entry fee is $3.50 per player. Cherry may be reached on Ext. 2269 or 2133.

He's an ace

After 20 years of playing, Bob Moorehead of Plant 2 Tool & Die finally has realized the dream of all golfers—a hole-in-one.

Moorehead lofted his ace during a makeup match in the Ike league, using a 5-iron and scoring on the 145-yard fourth hole of the Yellow course at Bethpage.

Alverson, Cisco tourney victors

Jim Alverson and Tony Cisco, who placed 1-2 in the Company tryouts and are veterans of many campaigns, teamed last week to bring Grumman its fourth straight L.I. Industrial Invitation team medal title at the Huntington Country Club.

Alverson and Cisco won in a playoff on the first extra hole after they had tied after the regulation 18 with Pan American, both duos posting 152. On the extra hole both Alverson and Cisco posted par fours to win by a stroke as Bob Ober of Pan Am carded a four and Stan Jackonski a five.

Over the regulation distance Alverson and Cisco both shot 76s, six over par. Ober shot a 74 for Pan Am and Jackonski 78.

Alverson and Cisco staged a fine comeback to win, as they had trailed by five strokes at the end of nine holes. On the incoming stretch, Alverson posted an even par 35 and Cisco 36.

Alverson provided the feature of the tournament on the par four, 420-yard 13th when he dropped in a four-iron shot from 170 yards away for an eagle two.

Varsity clicks

Two fairway standouts, Jim Alverson and Tony Cisco, paced Grumman's varsity golf team to a pair of victories as the team started out after its sixth straight L.I. Industrial League title.

Alverson, who paced the team tryout tourney, was red-hot in a 4½-3½ victory over Pan Am. He shot two under par, featuring an eagle three on the fifth hole of the Red course at Bethpage. Alverson teamed with Cisco to pick up 3½ points, while the combination of Bob Holsten and Ken Cunningham lost a 3-1 decision, although Holsten was only two over par.

Later, Cisco shot even par in a 12-hole match against Republic, which Grumman won by 5-3. Cisco had an eagle three on the 475-yard, par-five fourth. He teamed with Holsten for a 3-1 decision, while Cunningham and Alverson broke even, 2-2, against Republic. Alverson was only one over par.

That summer spectacular—the annual picnic—set for July 18

A bargain, according to the dictionary, "is an advantageous purchase." And what could be a better bargain than the Grumman Family Outing? Just think of all the hot dogs, soda, or milk, a colorful stage show, rides galore, contests for almost any age with hundreds of prizes. It's a day of robust activity and hilarity—truly the biggest bargain than any parents of young children could ever hope for.

The date is Saturday, July 18, and the scene will be the Grumman picnic grounds at Calverton. Tickets for the annual picnic are now on sale at all Employee Services offices. They are priced at $2 apiece for adults, but youngsters under 12 are admitted free.

It was estimated that upwards of 30,000 were at this festival of fun last year. Participation in this carnival is restricted to Grumman employees or members of their families living in the same household. Single employees, however, are permitted to have a boy friend or girl friend as guests.

Picnic maestro Gus D'Errico is lining up another five-star show. There will be free rides for the youngsters. The carousel, Octopus, miniature trains—to name a few—are now being geared for the action. The huge picnic range will be dotted with hot dog, soda, and beer stands, with hundreds of picnic tables placed in tree-shaded settings, and a topnotch stage show is again being booked for the youngsters. Just turn 'em loose . . . they'll have the time of their life.

Running wild

Races for youngsters are many, and so are the prizes. There'll be wheelbarrow races, shoe races, potato sack events, even a fat man's race and egg throwing contest for the adults.

Another program of Junior Gloves will again be a big attraction under the supervision of Johnny Koloski, and an entry registration form is offered on this page. Please notice that entries are being accepted only from youngsters up to 12 years of age. Registration must be made with this form; none will be accepted at the picnic.

D'Errico announced that one of the featured attractions on the day-long program will be the appearance of the Huntington Thunderers, winners of the Grand National Senior Musical Corps championship last year in competition at Houston.

The Thunderers have appeared at Expo in Canada, on the Ted Mack TV show, at St. Patrick's, Columbus Day, and Macy's Thanksgiving Day parades in New York City, and have entertained at many colleges and professional football and basketball games.

'Now' generation

The Thunderers, although using the same type of presentation used by drum and bugle corps, have, in the contemporary manner, turned on the "Now" sound of music by using trumpets, trombones, and full percussion units playing jazz to emphasize the vitality of youth in the group. The Thunderers have precision twirlers, and rely heavily on modern dance, intricate marching maneuvering, and twirling arrangements as well as segments of jazz oriented ballet to create a routine that is spectacular.

The Thunderers have a junior and senior corps, and both will put on a half-hour show at the picnic.

The Grumman Employees dance band and concert band will again provide music and dancing throughout the day under the direction of Al Kordula of Plant 30, assisted by Matty Daniels. Tony Vaccaro of Plant 2 and Harry Hess of Plant 22 will be vocalists this year, and the Grumman Intruders, a "rock and roll" group, will be another popular attraction. They are headed by John Rohback of Plant 5, and also include John Davis, Bob Swenson, and Mike Furr. They were a hit in 1969.

Kordula said that the featured song would be "Aquarius" in recognition of the Lunar Module's spectacular job while serving as a "lifeboat" and getting the astronauts safely back to earth several months ago.

In addition to the many prizes awarded in the morning contests, about 100 fanciful and useful door prizes will be distributed through a drawing throughout the day. So save those ticket stubs—you may be one of the lucky ones—and have a chance at the grand prize.

Prize offerings

The grand prize winner will have a choice of one of nine items. The winner may pick a 13-cubic-foot refrigerator, a 13-cubic-foot freezer, 23-inch console TV, portable automatic dishwasher, an air conditioner (6000 BTUs), hi fi-stereo with AM and FM radio, a portable color TV set, a 16-pound automatic washer, or 16-pound dryer. All are GE items.

Hey . . . and before we forget it, remember to bring pitchers to get all that free beer. That's for dad.

Picnic Fair. One of the treats you will be seeing at the Grumman Family Outing July 18 will be these corps captains from the national champion Huntington Thunderers. They are the twirling and music leaders of the musical marchers who will stage a half-hour performance at the picnic.

Picnic Junior Gloves

Entry registration

Entrant's name .....

Age ..... Weight .....

Sponsor's name .....

Dept. ..... Plant ..... Ext. .....

Entries are to be forwarded to John Koloski
Plant 1 Employee Services Office

'Cycle Club revving up for scramble July 5 to aid Nassau County Boy Scout Council

The Grumman Motorcycle club will host a series of motorcycle "scrambles" on Sunday, July 5, for the benefit of the Nassau County Council of Boy Scouts. The "scrambles" will be run on the Westhampton racing strip, starting at 1 p.m. Registration for entries is 9 a.m.-11 a.m.

This benefit is a continuing effort by the Grumman Club to promote the cycling sport and to offset the much-publicized antics of certain motorcycle groups, called the "wild one-percenters" by the organized clubs. In the past the Grumman Club has contributed $1,000 to the United Fund of Long Island, $1,000 to the U.S.O., and smaller sums to local fire departments.

The club expects at least 100 drivers to put on a thrill-packed show. Admission is $2, and children under 12 are admitted free when accompanied by an adult.

Cooney suggests that the best route to the track is to take Sunrise Highway to its end, and from there on the route will be well marked by motorcycle signs right to the racing strip. Practice begins at 10 a.m.

Exployers Post 81 of the Grace Lutheran Church of Uniondale is assisting the Grumman unit at the races. Boy Scouts of any age will be admitted free if in uniform.

For information call Ed Cooney at PY 6-8205, or Bill Taylor at MY 4-3537.

'Late' ski report: Grumman club winner

The Grumman Ski Club team is boasting its fourth straight New York Ski Team league championship, topping the league standings and finishing first in the title event held in late season at Mt. Madonna, Vermont. According to Bob Schmitt of Plant 5, who will captain the team next season, the Grumman club topped Tre-Rise, Edelweiss, New York University, and Swiss ski clubs.

Grumman was paced by Frank Rosenberg, the overall league champion, who won gold medals in combined and slalom and a bronze in the giant slalom. Riho Melts won the gold medal in the giant slalom and a silver in downhill. Other awards were taken by Tom Blewitt in Class B, scoring in the grand slalom and slalom; Peg Rosenberg, with a silver medal in the combined and slalom; and Carol Sweeney, with a silver in grand slalom, bronze in combined.

Other Grumman point scorers were Peg Penny, Bob Schmitt, Ed Munyak, John Catania, Tony Favale, Larry Tavianini, Jack Sweeney, and Juris Berzins.

Hey, Gabriel!

If you can stroke a bass fiddle or blow a bass horn, the Grumman Employees Band needs you for the Family Outing. Contact Band Director Al Kordula on Ext. 87259. He's in Supply Operations, Plant 30.